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022004

Our File No. 9281-4747
Client Reference No. N US03002**PATENT APPLICATION TRANSMITTAL LETTER**

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Naoya Hasegawa, Eiji Umetsu, Masamichi Saito and Yosuke Ide for Spin-Valve Magnetoresistive Element Having Fixed Magnetic Layer of Epitaxial Laminate Including Magnetic Layer and Nonmagnetic Layer.

Enclosed are:

- ☐ Preliminary Amendment
- ☒ 70 pages of application (including title page and Abstract), 9 sheets of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No(s). 2003-048694 filed on February 26, 2003
- ☒ Information Disclosure Statement, PTO-1449, and references A1-A3

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	53 -20	33
Indep. Claims	3 -3	0
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 385
x\$9=	\$
x\$43=	\$
+\$145=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 770
x\$18=	\$ 594
x\$86=	\$ 0
+\$290=	\$
Total	\$1188

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$____. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$1188 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR § 1.16.
- ☒ Any patent application processing fees under 37 CFR §1.17.
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- ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
- ☐ Any patent application processing fees under 37 CFR § 1.17.
- ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date 2/20/04

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